

## NOTES:

- NON-SHRINK GROUT SHALL HAVE THE FOLLOWING CHARACTERISTICS:
  3000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD AND SLUMP AT 1 TO 4 INCHES. ALL MATERIAL SHALL CONFORM TO SSPWC SECTION 202.
- AN AGENCY—APPROVED FORM OF SEAL OR WATER STOP IS REQUIRED ON ALL STORM DRAIN INSTALLATIONS.
- 3. A RESILIENT FLEXIBLE CONNECTOR INSTALLED IN ACCORDANCE WITH STD. CONNECTION DETAIL A OF STD. DETAIL R-223 (311) MAY BE USED TO SATISFY THE REQUIREMENTS OF NOTE 2 ABOVE.
- 4. ALL PIPE OPENINGS TO NEW MANHOLES MUST BE EITHER CAST—IN—PLACE OR PRE—FORMED AND PIPE OPENINGS TO EXISTING MANHOLES MUST BE CORE DRILLED.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION	RENO
			CONCRETE/PLASTIC STORM	DRAWING NO.	
			DRAIN PIPE TO MANHOLE		<b>221 311</b> PAGE
APPROVED BY: S.V. 08/00		08/00		08/00	226